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Corrective implant for ventral derotation spondylodesis - has bone screws with slotted heads for inserting compression rod and pressure plates conforming to vertebra body

Patent Assignee: ULRICH M B

Patent Family (1 patent, 1 country)

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The corrective implant for ventral derotation spondylodesis comprises bone screws (1) for screwing into the spongiosa of a vertebra body, each having an open slot (1, 3) in its head (12). A compressing rod (2) inserted in the slots is clamped on both sides of each screw head, and beneath the screw head are placed pressure distributing plates (4) which conform to the shape of the vertebra body.

Pref.. the rod is clamped by a thread, with a nut (3) on both sides of each screw head. The nut has a collar (3, 1) projecting towards the screw head and engaging in a recess (1, 4) in the head, which is radially wider than the slot. The rod is thus prevented from post-operative displacement from the slots.

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